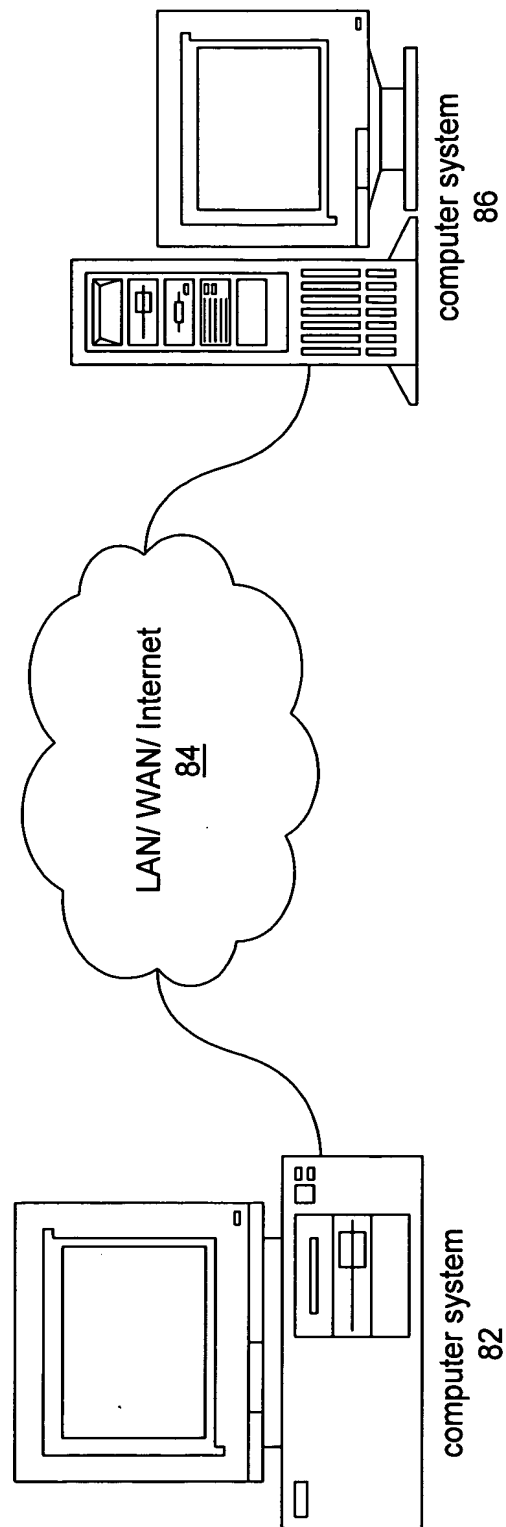


FIG. 1  
(Prior Art)



**FIG. 2**

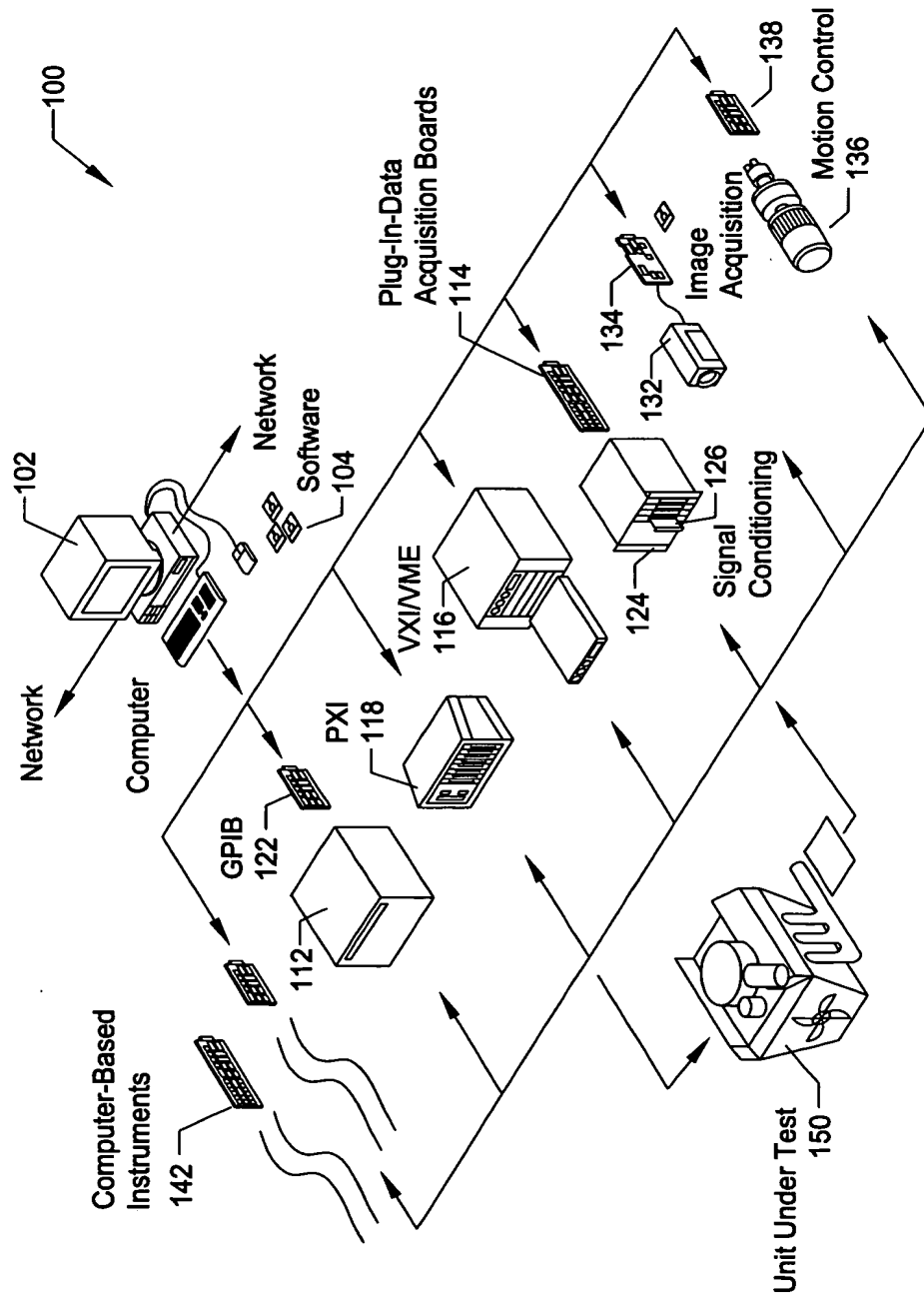


FIG. 3A

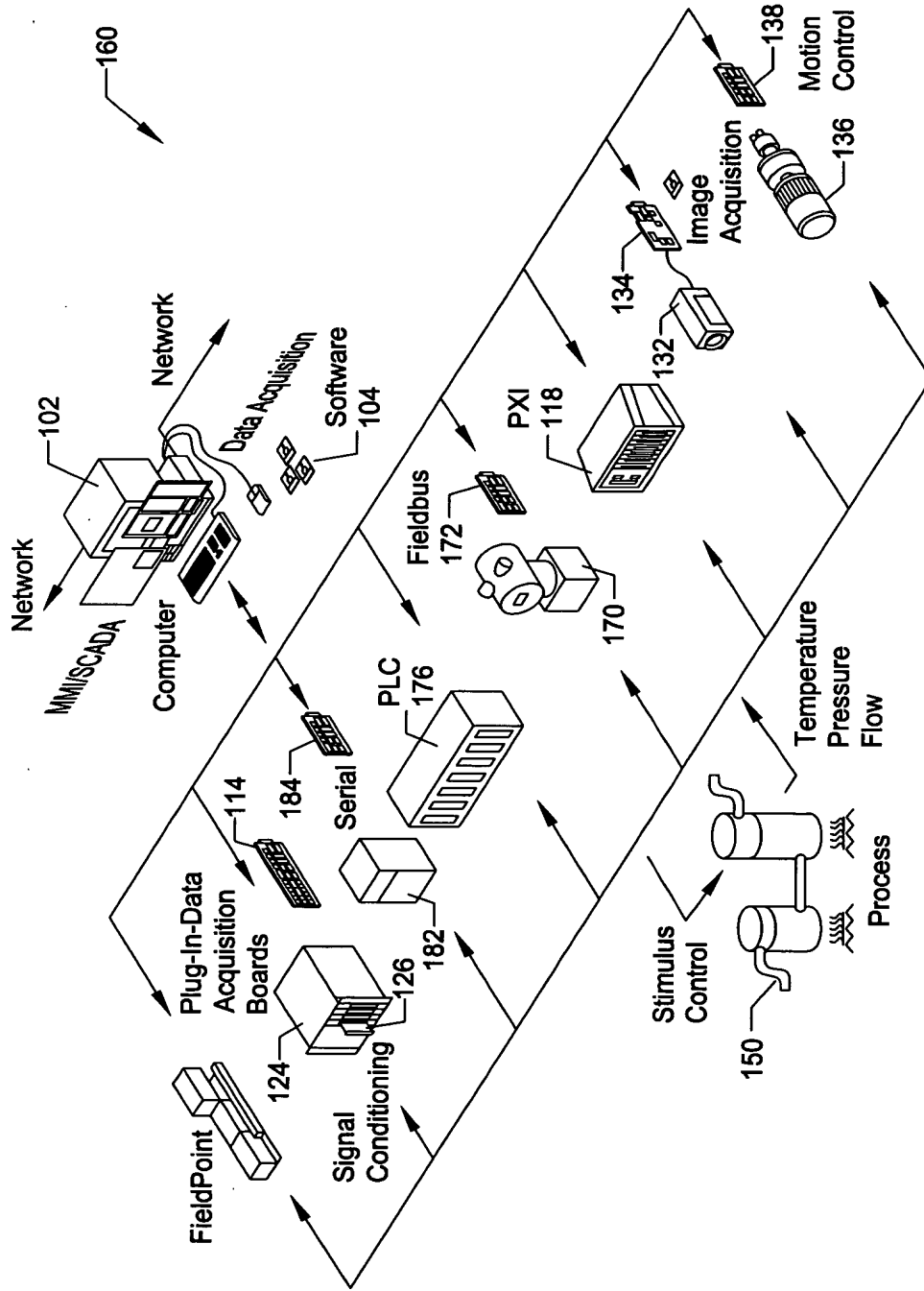


FIG. 3B

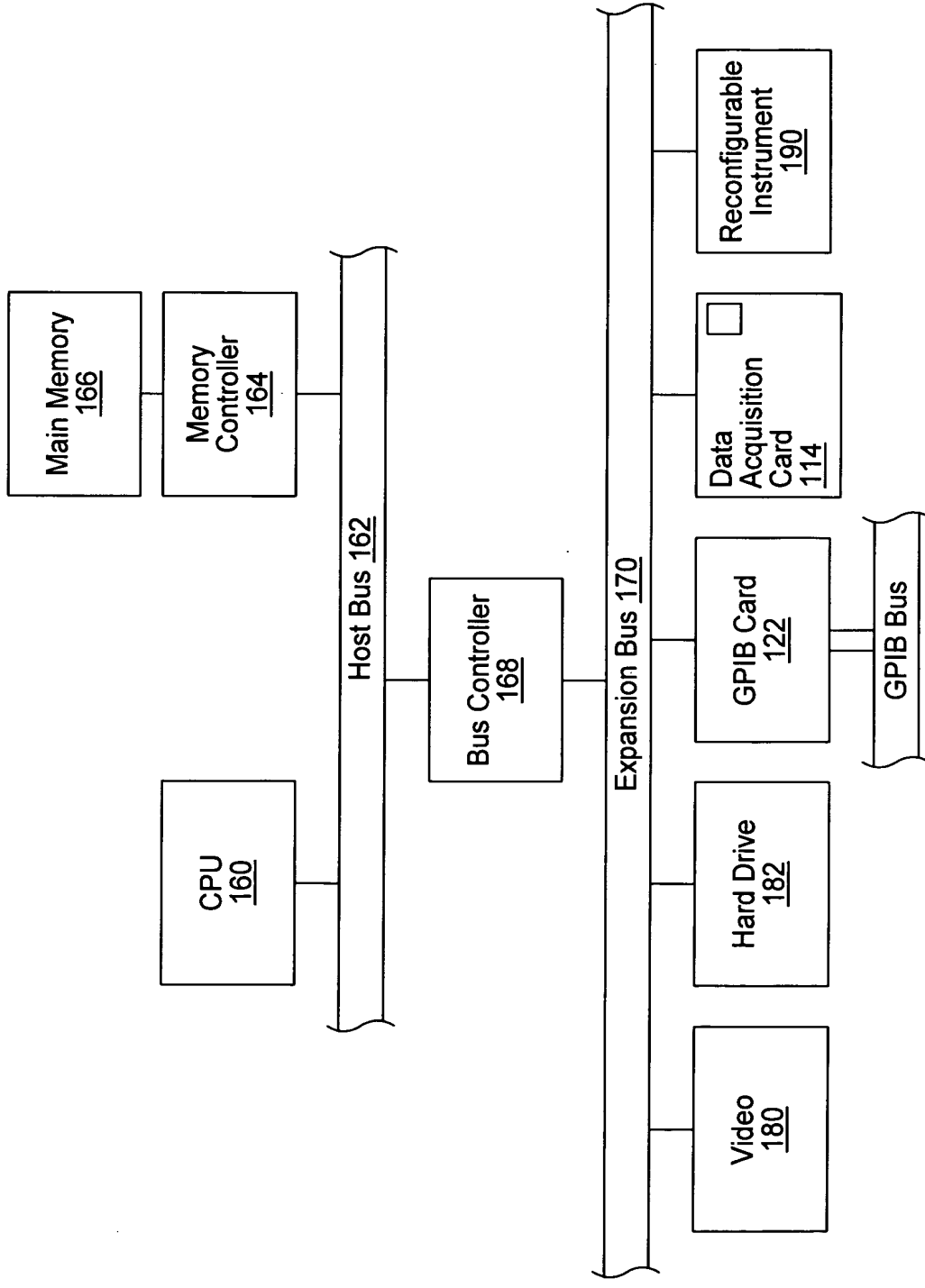


FIG. 4

Create state diagram information, e.g., in response to user  
input  
200



GPG program receives state diagram information  
202



GPG program programmatically generates a graphical  
program (or graphical program portion) based on the state  
diagram information  
204

FIG. 5

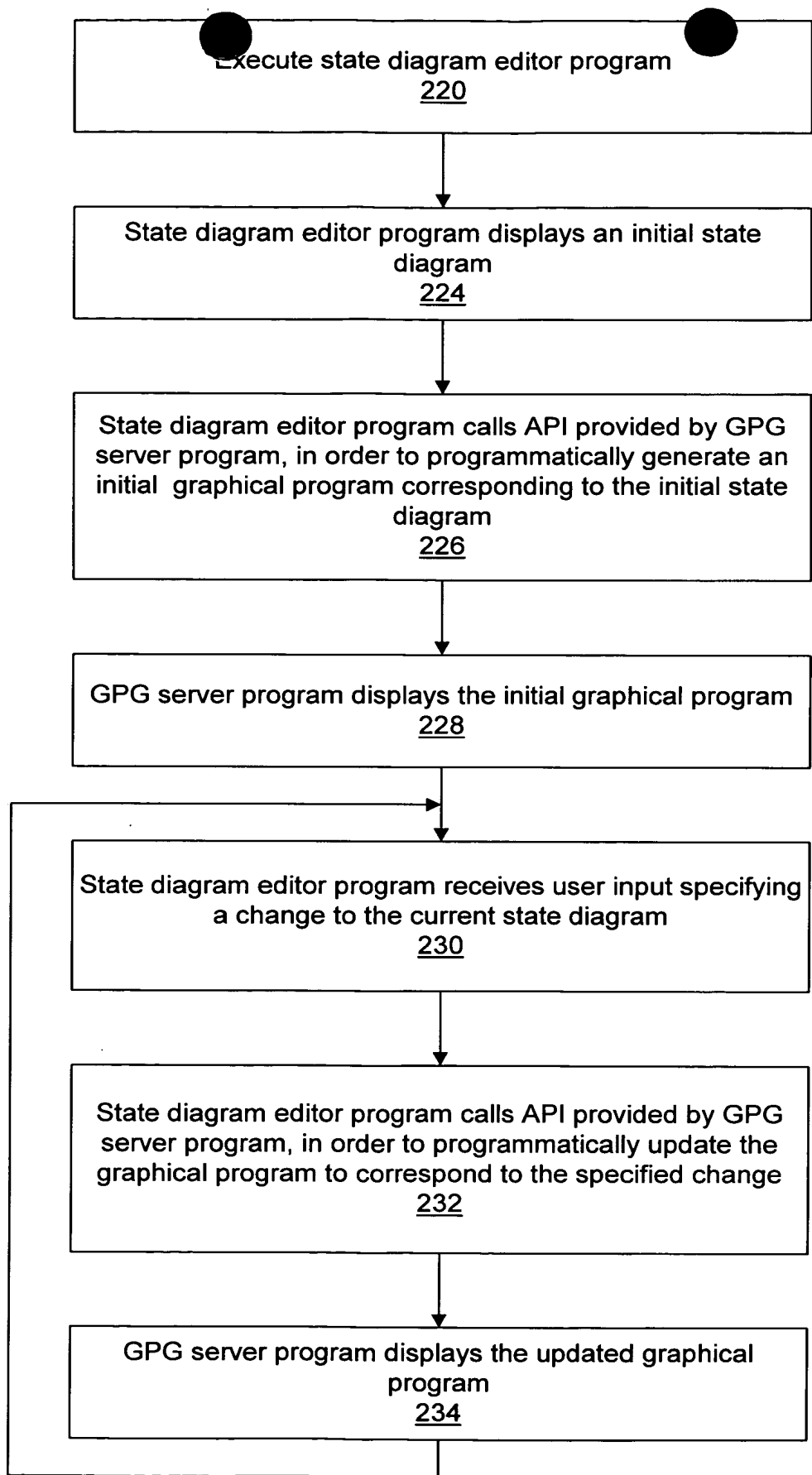


FIG. 6

00000000 15024269

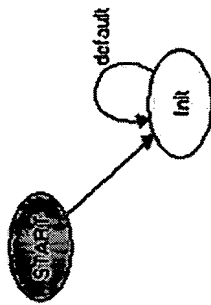


FIG. 7



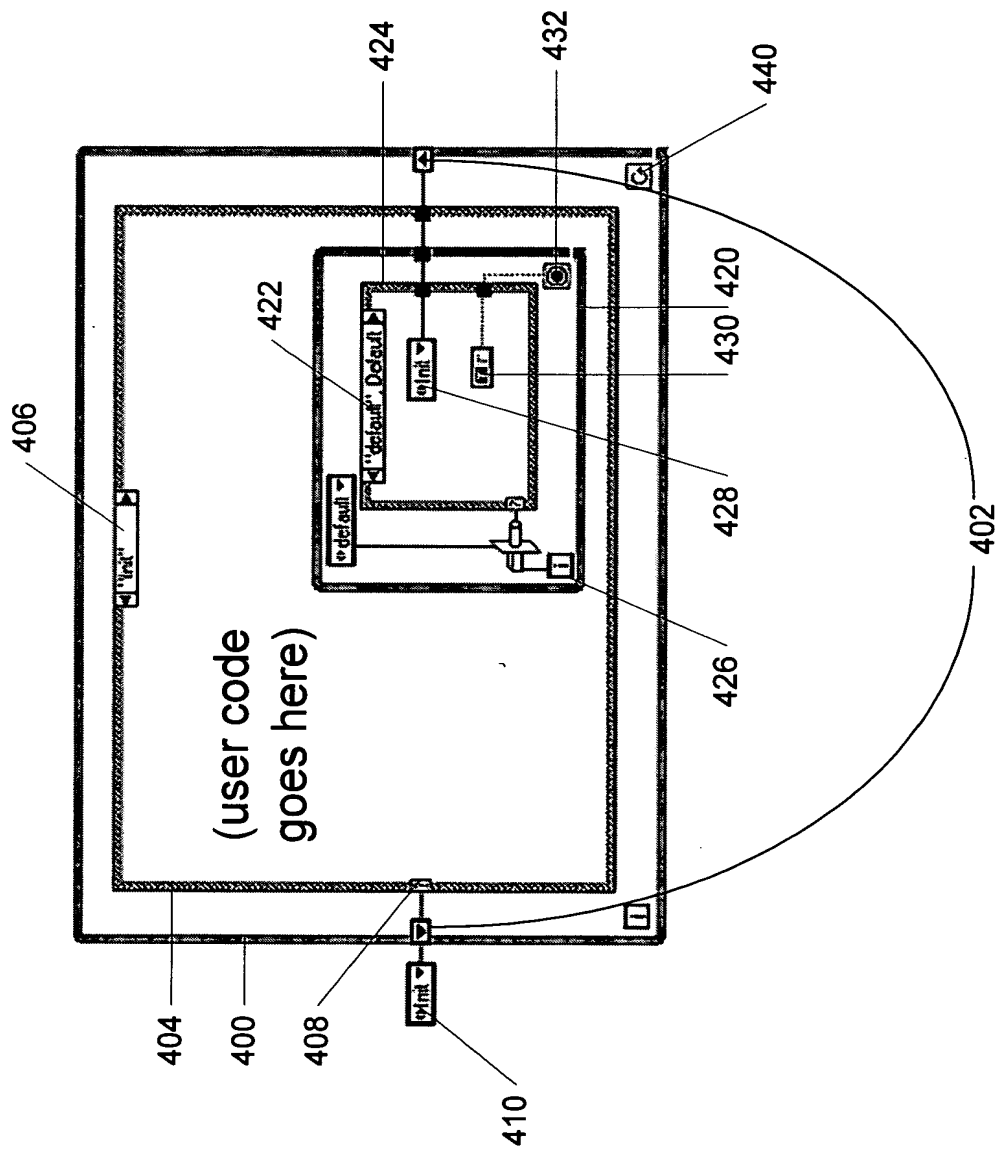


FIG. 8

STATE MACHINE

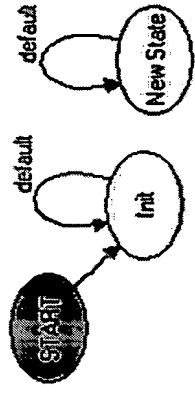
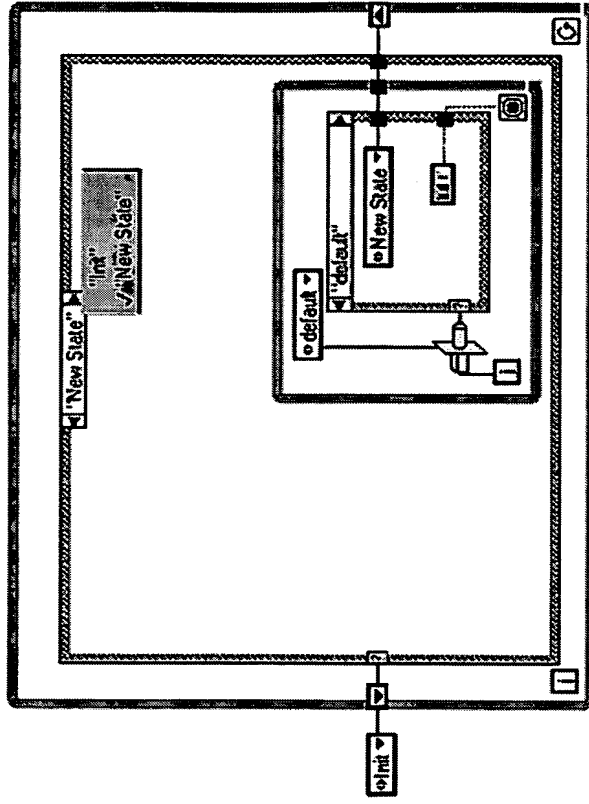


FIG. 9

The *Journal of the American Medical Association* (JAMA) is a leading medical journal. It is published weekly, except for two issues combined annually. The journal covers a wide range of medical topics, including clinical medicine, epidemiology, and public health. It is one of the most influential medical journals in the world.



**FIG. 10**

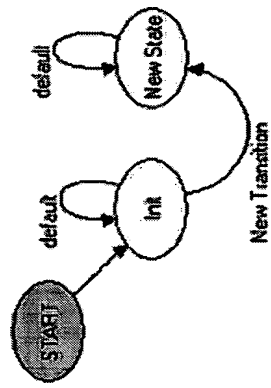


FIG. 11

STATE MACHINE

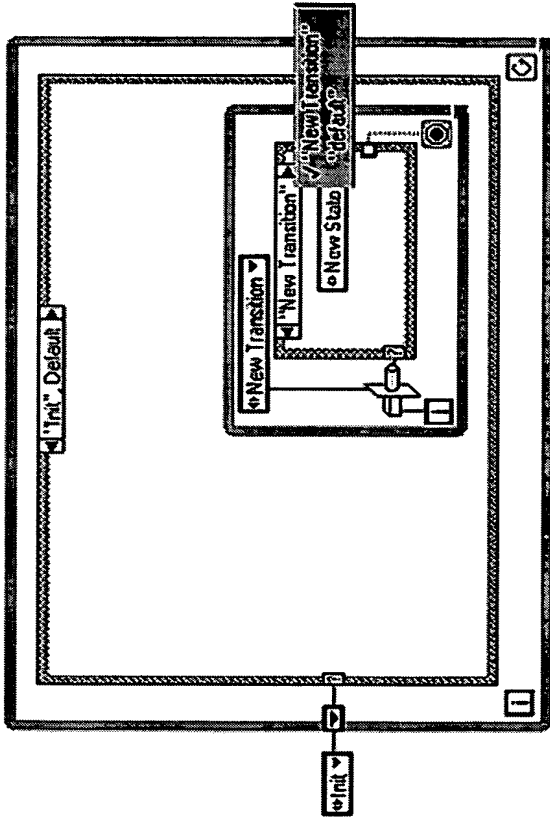


FIG. 12

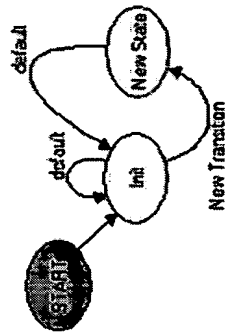


FIG. 13

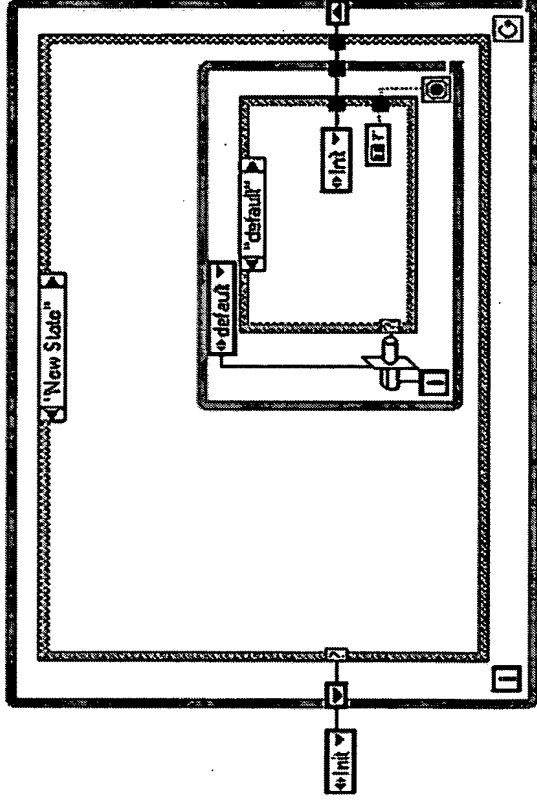


FIG. 14

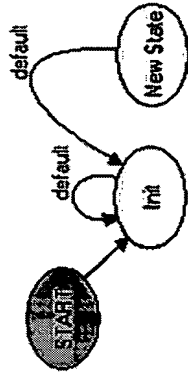
[illegible]

FIG. 15



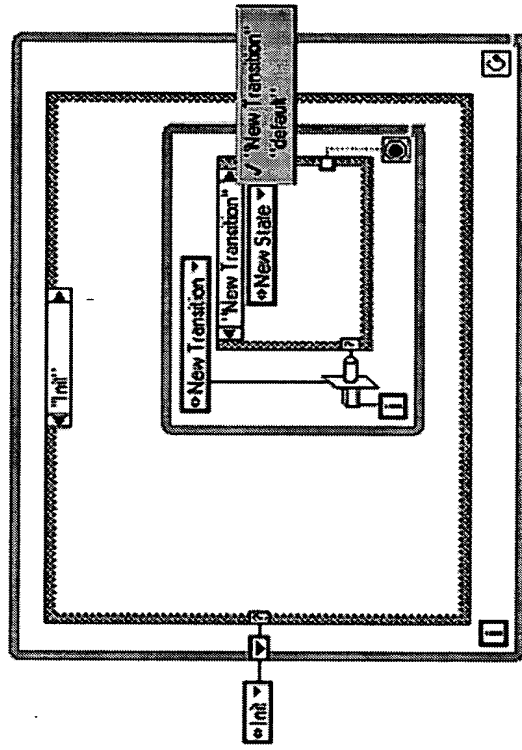


FIG. 16

The  $\mathbb{Z}_2$ -action on  $\mathbb{R}^n$  is defined by  $\sigma(x) = -x$ . The quotient space  $\mathbb{R}^n / \mathbb{Z}_2$  is homeomorphic to  $\mathbb{R}^n_+$ , where  $\mathbb{R}^n_+ = \{x \in \mathbb{R}^n : x_1 \geq 0\}$ . The map  $\pi: \mathbb{R}^n \rightarrow \mathbb{R}^n_+$  is defined by  $\pi(x) = (|x_1|, x_2, \dots, x_n)$ . The map  $\pi$  is a homeomorphism from  $\mathbb{R}^n / \mathbb{Z}_2$  to  $\mathbb{R}^n_+$ . The map  $\pi$  is a homeomorphism from  $\mathbb{R}^n / \mathbb{Z}_2$  to  $\mathbb{R}^n_+$ . The map  $\pi$  is a homeomorphism from  $\mathbb{R}^n / \mathbb{Z}_2$  to  $\mathbb{R}^n_+$ .

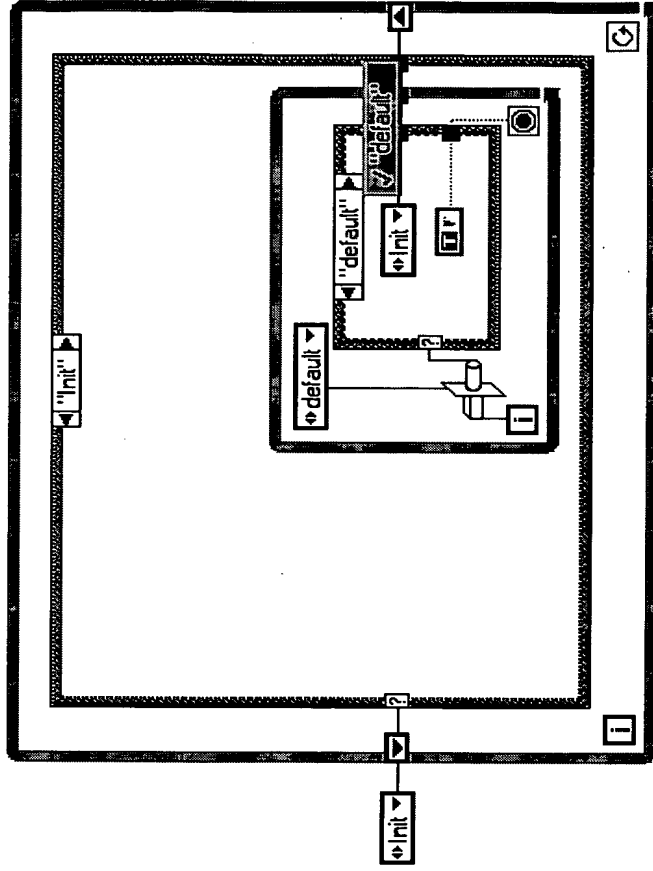


FIG. 17

007227" 7604460

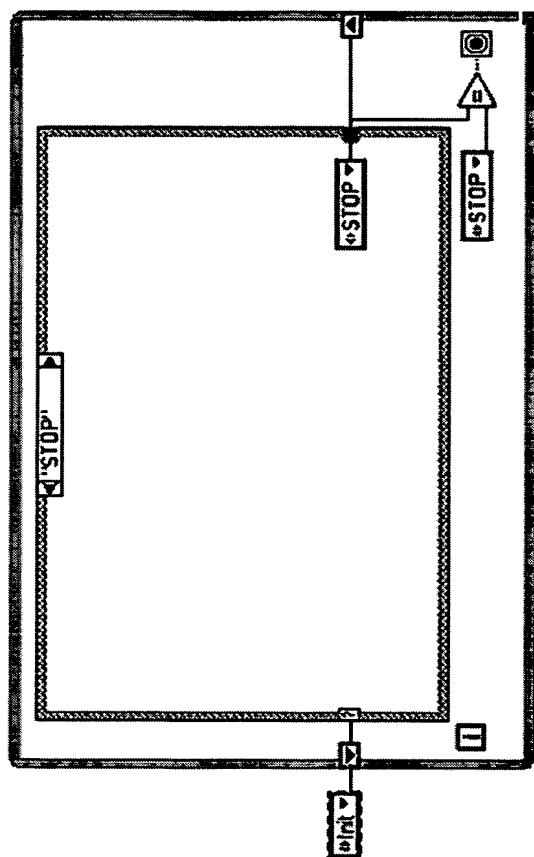


FIG. 18

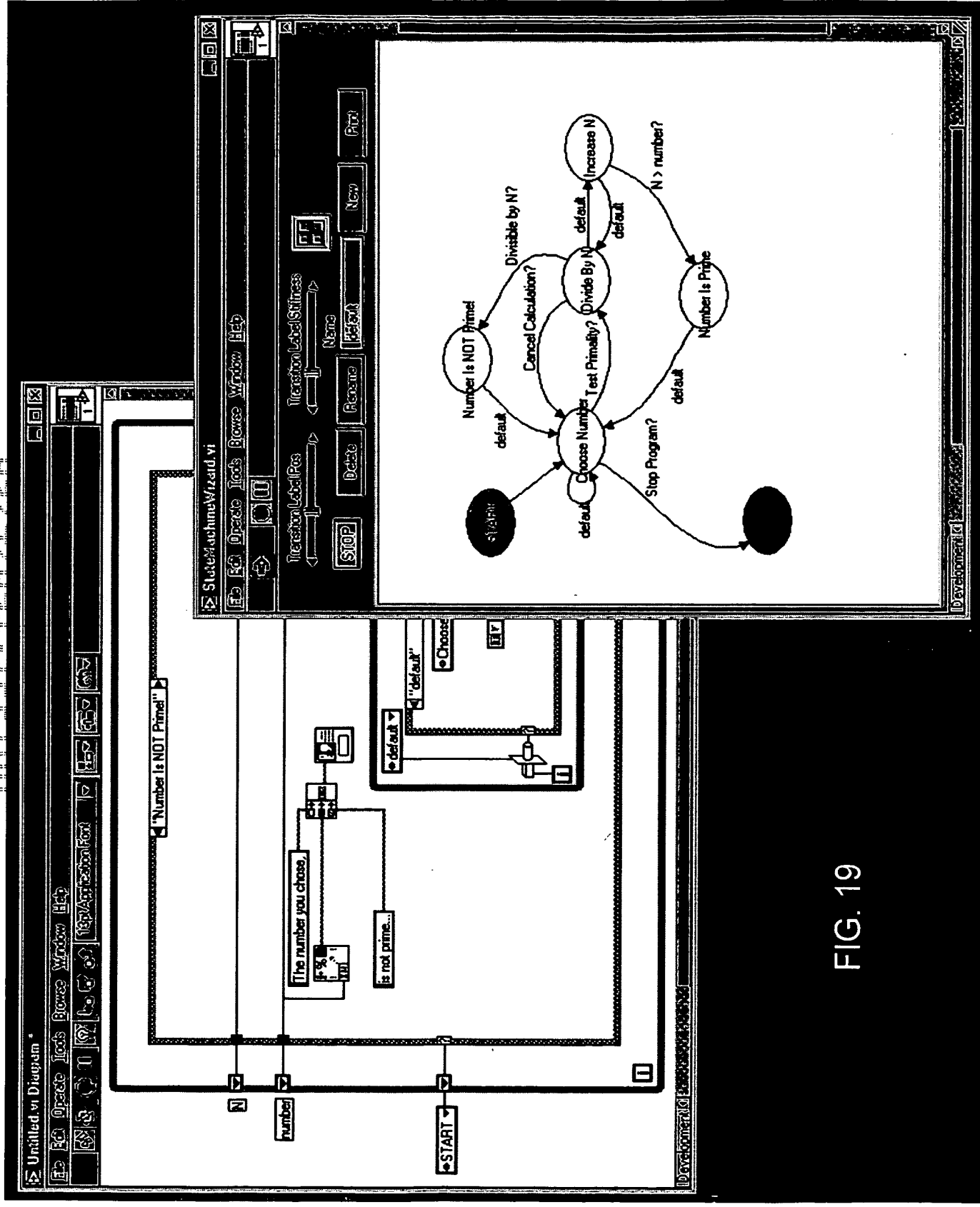


FIG. 19

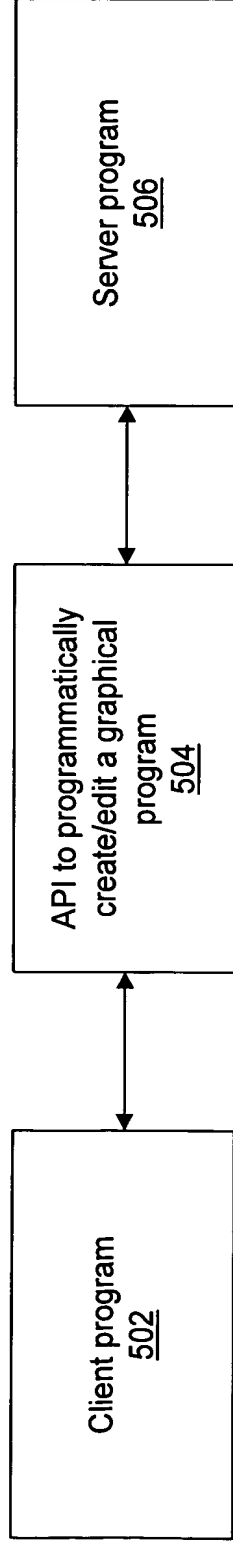


FIG. 20